

PUBLIC NOTICE
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ)
GULFPORT ENERGY CORPORATION - WEST COTE BLANCHE BAY FACILITY
PROPOSED MINOR SOURCE AIR OPERATING PERMIT MODIFICATION

The LDEQ, Office of Environmental Services, is accepting written comments on minor source air operating permit modification for Gulfport Energy Corporation, 14313 N May Ave, Ste 100, Oklahoma City, OK, 73134 for the West Cote Blanche Bay Facility. **The facility is located 5 miles southeast of Cypremort Point, 6 miles south of Cote Blanche Island and 6.56 miles east southeast of Louisa, St. Mary Parish.**

Gulfport Energy Corporation requested a minor source air operating permit modification for West Cote Blanche Bay Facility, an existing oil and gas production facility. Productions from the nearby wells flow to a low-pressure separator. Gas from the low-pressure separator is picked-up by facility compressors and piped directly to the gas dehydration unit. Dehydrated/pressured gas is routed to sales and/or gas-lift and platform fuel. The liquids (condensate/oil and produced water) flow through a free-water knock system prior to the facility heater treaters. Flash losses due to the pressure drop between the L.P separators and the heater treaters are routed to the heater treater vent. Heater treater vent gas is VRU controlled and routed back to facility's low-pressure system. Produced water separated out of the L.P separator/free-water knock is routed to a 1500 BBL Produced Water Tank (Source T-04). Condensate/crude oil and trace amounts of water are sent to the two heater treaters for further separation. Condensate/crude oil is then piped to one of the two storage tanks. Produced water from the heater treater is also piped to the Produced Water Tank (Source T-04). Emissions from the Heater Treater Vent and from oil storage and slop oil tanks are routed to the Vapor Recovery Unit (VRU). Dry gas from the Glycol Dehydration Unit is sent to sales pipeline and facility fuel gas system.

The stored condensate/crude oil is transferred from the storage tanks to a storage barge. Any oil recovered from the produced water tank is also sent to the oil storage tanks. Flash, standing and working losses are vented to the VRU. Oil is transferred from the oil storage barge to a transportation barge using a diesel powered pump. The oil is then shipped to sales. Produced water from the Produced Water Tank is transported by salt-water disposal pumps to disposal wells. Any oil recovered from the produced water tank is sent to the Slop Oil Tank.

A Public Notice is issued for the facility due to the high volume of VOC and NOX emissions, which are very close to the major source threshold limits.

Estimated emissions from this facility in tons per year are as follows:

Pollutant	Before	After	Change
PM ₁₀	0.90	1.03	+ 0.13
SO ₂	0.24	0.243	+ 0.003
NO _x	90.60	94.30	+ 3.7
CO	30.03	70.29	+ 40.26
VOC *	96.55	99.32	+ 2.77

*VOC speciation of TAPs is estimated to be less than any associated MER.

A technical review of the working draft of the proposed permit was submitted to the facility representative and the LDEQ Surveillance Division. Any remarks received during the technical review will be addressed in the "Worksheet for Technical Review of Working Draft of Proposed Permit". All remarks received by LDEQ are included in the record that is available for public review.

Written comments, written requests for a public hearing or written requests for notification of the final decision regarding this permit action may be submitted to Ms. Soumaya Ghosn at LDEQ, Public Participation Group, P.O. Box 4313, Baton Rouge, LA 70821-4313. **Written comments and/or written requests must be received by 12:30 p.m., Thursday, November 19, 2009.** Written comments will be considered prior to a final permit decision.

If LDEQ finds a significant degree of public interest, a public hearing will be held. LDEQ will send notification of the final permit decision to the applicant and to each person who has submitted written comments or a written request for notification of the final decision.

The proposed permit and the application are available for review at the LDEQ, Public Records Center, Room 127, 602 North 5th Street, Baton Rouge, LA. Viewing hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday (except holidays). **The available information can also be accessed electronically on the Electronic Document Management System (EDMS) on the DEQ public website at www.deq.louisiana.gov.**

Additional copies may be reviewed at the St. Mary Parish Library-West End, 100 Charenton Road, Baldwin, LA 70514.

Inquiries or requests for additional information regarding this permit action should be directed to Suchi Theegala, LDEQ, Air Permits Division, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-3115.

Persons wishing to be included on the LDEQ permit public notice mailing list or for other public participation related questions should contact the Public Participation Group in writing at LDEQ, P.O. Box 4313, Baton Rouge, LA 70821-4313, by email at deqmaillistrequest@la.gov or contact the LDEQ Customer Service Center at (225) 219-LDEQ (219-5337).

Permit public notices including electronic access to the proposed permit can be viewed at the LDEQ permits public notice webpage at www.deq.louisiana.gov/apps/pubNotice/default.asp and general information related to the public participation in permitting activities can be viewed at www.deq.louisiana.gov/portal/tabid/2198/Default.aspx.

Alternatively, individuals may elect to receive the permit public notices via email by subscribing to the LDEQ permits public notice List Server at www.doa.louisiana.gov/oes/listservpage/ldeq_pn_listserv.htm

All correspondence should specify AI Number 32887, Permit Number 2660-00123-03, and Activity Number PER20090001.

Scheduled for publication: Friday, October 16, 2009

BOBBY JINDAL
GOVERNOR



HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.:

Activity No.: PER20090001
Agency Interest No.: 32887

Mr. James Palm
CEO
Gulfport Energy Corporation
14313 N May Ave Ste 100
Oklahoma City, OK 73134

RE: Permit Modification, West Cote Blanche Bay Facility, Gulfport Energy Corporation
Louisa, St. Mary Parish, Louisiana

Dear Mr. James Palm:

This is to inform you that the modification request for the above referenced facility has been approved under LAC 33:III.501. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets, and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Also enclosed is a document entitled "General Information." Please be advised that this document contains a summary of facility-level information contained in LDEQ's TEMPO database and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Ms. Tommie Milam, Permit Support Services Division, at (225) 219-3259 or email your changes to facupdate@la.gov.

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or operational conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

The permit number cited below and agency interest number cited above should be referenced in future correspondence regarding this facility.

Done this _____ day of _____, 2009.

Permit No.: 2660-00123-03

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary
CSN:ST

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

West Cote Blanche Bay Facility
Agency Interest No.: 32887
Gulfport Energy Corporation
Louisiana, St. Mary Parish, Louisiana

I. BACKGROUND

Gulfport Energy Corporation, West Cote Blanche Bay Facility, an existing oil and gas production facility, began operation in October 2, 1996. The West Cote Blanche Bay Facility currently operates under Permit No. 2660-00123-02, issued September 18, 2007.

II. ORIGIN

A permit application and Emission Inventory Questionnaire (EIQ) dated July 27, 2009, were received requesting a permit. Additional information dated September 27, 2009, was also received.

III. DESCRIPTION

West Cote Blanche Bay Facility is an existing oil and gas production facility. Productions from the nearby wells flow to a low-pressure separator. Gas from the low-pressure separator is picked-up by facility compressors and piped directly to the gas dehydration unit. Dehydrated/pressured gas is routed to sales and/or gas-lift and platform fuel. The liquids (condensate/oil and produced water) flow through a free-water knock system prior to the facility heater treaters. Flash losses due to the pressure drop between the L.P separator and the heater treaters are routed to the heater treater vent. Heater treater vent gas is VRU controlled and routed back to facility's low-pressure system. Produced water separated out of the L.P. separator/free-water knock is routed to a 1500 BBL Produced Water Tank (Source T-04). Condensate/crude oil and trace amounts of water are sent to the two heater treaters for further separation. Condensate/crude oil is then piped to one of the two storage tanks. Produced water from the heater treater is also piped to the Produced Water Tank (Source T-04). Emissions from the Heater Treater Vent and from oil storage and slop oil tanks are routed to the Vapor Recovery Unit (VRU). Dry gas from the Glycol Dehydration Unit is sent to sales pipeline and facility fuel gas system.

The stored condensate/crude oil is transferred from the storage tanks to a storage barge. Any oil recovered from the produced water tank is also sent to the oil storage tanks. Flash, standing and working losses are vented to the VRU. Oil is transferred from the oil storage barge to a transportation barge using a diesel powered pump. The oil is then shipped to sales. Produced water from the Produced Water Tank is transported by salt-water disposal pumps to disposal wells. Any oil recovered from the produced water tank is sent to the Slop Oil Tank.

Gulfport Energy Corporation proposes the following modifications:

1. Increase CO emissions for sources CE-04, CE-05, CE-06 and CE-07.

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

West Cote Blanche Bay Facility
Agency Interest No.: 32887
Gulfport Energy Corporation
Louisiana, St. Mary Parish, Louisiana

2. Add Diesel Barge Pump Engine (Source DCE-02)
3. Reduce operating hours on all gas operated diaphragm pumps to reflect actual usage.
4. Make source GE-01 the backup generator (150Hp)
5. Reconcile Fugitive Emissions
6. Increase gas production from 8760 MMScf to 27,375 MMScf (Maximum design limit of current glycol dehydrator).

Estimated emissions from this facility in tons per year are as follows:

Pollutant	Before	After	Change
PM ₁₀	0.90	1.03	+ 0.13
SO ₂	0.24	0.243	+ 0.003
NO _x	90.60	94.30	+ 3.7
CO	30.03	70.29	+ 40.26
VOC*	96.55	99.32	+ 2.77

*VOC speciation in tons per year:

LAC 33:III. Chapter 51 Toxic Air Pollutants TAP's	Before (Tons/year)	After (Tons/year)	Change
2,2,4-Trimethylpentane	-	0.002	+ 0.002
N-Hexane	1.46	1.87	+ 0.41
Formaldehyde	2.59	2.624	+ 0.034
Acetaldehyde	0.37	0.40	+ 0.03
Xylene	-	0.09	+ 0.09
Benzene	-	0.59	+ 0.59
Toluene	-	0.33	+ 0.33
Ethylbenzene	-	0.040	+ 0.040
Total TAP's	4.42	5.95	+ 1.53
Other VOC's	92.13	93.37	+ 1.24
Total VOC's	96.55	99.32	+ 2.77

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**West Cote Blanche Bay Facility
Agency Interest No.: 32887
Gulfport Energy Corporation
Louisiana, St. Mary Parish, Louisiana**

IV. TYPE OF REVIEW

This permit was reviewed for compliance with Louisiana Air Quality Regulations. New Source Performance Standards (NSPS) & Prevention of Significant Deterioration (PSD) do not apply. National Emission Standards for Hazardous Air Pollutants (NESHAP) [40 CFR 63 Subpart HH] does apply.

This facility is a minor source of LAC 33:III.Chapter 51 Toxic Air Pollutants (TAPs) & an area source of 40 CFR 63 Subpart HH Hazardous Air Pollutants (HAPs).

V. PUBLIC NOTICE

VI. EFFECTS ON AMBIENT AIR

Emissions associated with the proposed modification were reviewed by the Air Quality Assessment Division to ensure compliance with the NAAQS and AAS. LDEQ does not require the applicant to model emissions.

Dispersion Model(s) Used: None

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Ambient Air Quality Standard (NAAQS)
-	-	-	-

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**West Cote Blanche Bay Facility
Agency Interest No.: 32887
Gulfport Energy Corporation
Louisiana, St. Mary Parish, Louisiana**

VII. GENERAL CONDITION XVII ACTIVITIES

Work Activity	Schedule	PM ₁₀	Emission Rates - tons			
			SO ₂	NO _x	CO	VOC
-	-	-	-	-	-	-

VIII. INSIGNIFICANT ACTIVITIES

ID No.:	Description	Citation
	None	

General Information

AJ ID: 32887 West Cote Blanche Bay Facility

Activity Number: PER20090001

Permit Number: 2660-00123-03

Air - Minor Source/Small Source Mod

Also Known As:	ID	Name	User Group	Start Date
		Gulfport Energy Corp	Air Permitting	04-01-1998
	2660-00123	CDS Number	CDS Number	01-01-1992
	LAG33A708	LPDES Permit #	LPDES Permit #	03-01-2007
	32879	West Cote Blanche Bay Compressor Barge TVS	TEMPO Merge	04-28-2005
	32880	West Cote Blanche Bay Compressor Barge	TEMPO Merge	04-28-2005

Main Phone: 3379322000

Physical Location:

5 Mi SE of Cypressport Point, 6 Mi S of Cote Blanche Island, 6.56 Mi ESE of Louisiana, LA 70538

Mailing Address:

14313 N May Ave Ste 100 Oklahoma City, OK 73134

Location of Front Gate:

29.684167 latitude, -91.799444 longitude, Coordinate Method: Lat,Long, - DMS, Coordinate Datum: NAD83

Related People:

Name	Mailing Address	Phone (Type)	Relationship
Greg Cates	14313 N May Ave Ste 100 Oklahoma City, OK 73134	4058488807 (WP)	TEDI Contact for
Greg Cates	14313 N May Ave Ste 100 Oklahoma City, OK 73134	ESSOLUTIONS@CC	TEDI Contact for
Brian Osborne	14313 N May Ave Ste 100 Oklahoma City, OK 73134	4058488807 (WP)	Air Permit Contact For
James Palm	14313 N May Ave Ste 100 Oklahoma City, OK 73134	JIMPALM@GULFPC	Responsible Official for
James Palm	14313 N May Ave Ste 100 Oklahoma City, OK 73134	4058488807 (WP)	Responsible Official for
Harry Schwartz	197 Ivanhoe Texaco Ln Franklin, LA 70538	3379232000 (WP)	Emission Inventory Contact for
Harry Schwartz	197 Ivanhoe Texaco Ln Franklin, LA 70538	HSCHWARTZ@GUI	Emission Inventory Contact for

Related Organizations:

Name	Address	Phone (Type)	Relationship
Gulfport Energy Corp	14313 N May Ave Ste 100 Oklahoma City, OK 73134	4058488807 (WP)	Operates
Gulfport Energy Corp	14313 N May Ave Ste 100 Oklahoma City, OK 73134	4058488807 (WP)	Emission Inventory Billing Party
Gulfport Energy Corp	14313 N May Ave Ste 100 Oklahoma City, OK 73134	4058488807 (WP)	Air Billing Party for
Gulfport Energy Corp	14313 N May Ave Ste 100 Oklahoma City, OK 73134	4058488807 (WP)	Owns

NAIC Codes: 211111, Crude Petroleum and Natural Gas Extraction

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Ms. Tommie Milam, Permit Support Services Division, at (225) 219-3259 or email your changes to facupdate@ia.gov.

INVENTORIES

AI ID: 32887 - West Cote Blanche Bay Facility
Activity Number: PER20090001
Permit Number: 2660-00123-03
Air - Minor Source/Small Source Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
West Cote Blanche Bay						
EQT 0001	CE-03 - 1550 hp Cooper-Bessemer Compressor Backup		12.4 MM BTU/hr	1550 horsepower		2016 hr/yr
EQT 0002	CE-04 - 1665 hp Caterpillar Compressor		13.32 MM BTU/hr	1665 horsepower		8760 hr/yr
EQT 0003	CE-05 - 1665 hp Caterpillar Compressor		13.32 MM BTU/hr	1665 horsepower		8760 hr/yr
EQT 0004	CI-01 - Gas Operated Chemical Injection Pump		48 scf/hr	48 scf/hr		8760 hr/yr
EQT 0005	CI-02 - Gas Operated Chemical Injection Pump		48 scf/hr	48 scf/hr		8760 hr/yr
EQT 0007	DP-01 - Diaphragm Pump No. 1 (Wilden M-4)			600 scf/hr		364 hr/yr
EQT 0008	DP-02 - Diaphragm Pump No. 2 (Wilden M-2)		600 scf/hr	600 scf/hr		364 hr/yr
EQT 0009	DP-03 - Diaphragm Pump No. 3 (Wilden M-8)		600 scf/hr	600 scf/hr		364 hr/yr
EQT 0010	DP-04 - Diaphragm Pump No. 4 (Wilden M-15)		1200 scf/hr	1200 scf/hr		364 hr/yr
EQT 0011	DP-05 - Diaphragm Pump No. 5 (Textstream 3700)		1200 scf/hr	1200 scf/hr		364 hr/yr
EQT 0012	DP-06 - Diaphragm Pump No. 6 (Wilden M-8)		1200 scf/hr	1200 scf/hr		364 hr/yr
EQT 0013	DP-07 - Diaphragm Pump No. 7 (Wilden M-8)		1200 scf/hr	1200 scf/hr		364 hr/yr
EQT 0014	DP-08 - Diaphragm Pump No. 8 (Wilden M-8)		1200 scf/hr	1200 scf/hr		364 hr/yr
EQT 0015	GE-01 - 150 hp Waukesha Generator (Backup)		1.13 MM BTU/hr	150 horsepower		0 hr/yr
EQT 0017	GFT-01 - Glycol Flash Tank		347 scf/hr	347 scf/hr		8760 hr/yr
EQT 0018	GR-01 - 1.75 MM BTU/hr Glycol Reboiler		1.75 MM BTU/hr	1.75 MM BTU/hr		8760 hr/yr
EQT 0019	GV-01 - Glycol Regenerator Still Column Condenser					8760 hr/yr
EQT 0020	GV-01 - Glycol Still Column - Vent		3.13 MM scf/hr	3.13 MM scf/hr		8760 hr/yr
EQT 0021	HT-01 - 1.8 MM BTU/hr Heater Treater		1.8 MM BTU/hr	1.8 MM BTU/hr		8760 hr/yr
EQT 0022	HT-02 - 1.8 MM BTU/hr Heater Treater		1.8 MM BTU/hr	1.8 MM BTU/hr		8760 hr/yr
EQT 0023	HV-01 - Heater Treater Vent Flash Gas (VRU Controlled)					8760 hr/yr
EQT 0024	LC-01 - (4) Level Controllers (Fisher 2500 - Pneumatic)		42 scf/hr	42 scf/hr		8760 hr/yr
EQT 0025	LC-02 - (19) Level Controllers (Norrisal 1001, Mallard 3200 - Pneumatic)			.2 scf/hr		8760 hr/yr
EQT 0026	LC-03 - Level Controller (Fisher 2680 Series - Pneumatic)			1 scf/hr		8760 hr/yr
EQT 0027	LC-04 - (7) Level Controllers (Murphy - Pneumatic)			3 scf/hr		8760 hr/yr
EQT 0028	LF-01 - Barge Loading Losses		5500 bbl/day	5500 bbl/day	Oil	836 hr/yr
EQT 0029	OSB-01 - 23,000 bbl Oil Storage Barge	23000 bbl				8760 hr/yr
EQT 0030	PC-01 - (5) Pressure Controllers (Fisher 4160 - Pneumatic)			7 scf/hr		8760 hr/yr
EQT 0031	PC-02 - (4) Pressure Controllers (Fisher 4100 - Pneumatic)		50 scf/hr	50 scf/hr		8760 hr/yr
EQT 0032	PE-01 - 150 hp Waukesha Saltwater Pump		1.13 MM BTU/hr	150 horsepower		8760 hr/yr
EQT 0033	PE-02 - 150 hp Waukesha Saltwater Pump		1.13 MM BTU/hr	150 horsepower		8760 hr/yr
EQT 0034	PE-03 - 150 hp Waukesha Saltwater Pump		1.13 MM BTU/hr	150 horsepower		8760 hr/yr
EQT 0035	T-01 - 1500 bbl Oil Storage Tank (VRU Controlled)	1500 bbl			Oil	8760 hr/yr
EQT 0036	T-02 - 1500 bbl Oil Storage Tank (VRU Controlled)	1500 bbl			Oil	8760 hr/yr
EQT 0037	T-03 - 400 bbl Oil Storage Tank (VRU Controlled)	400 bbl			Oil	8760 hr/yr
EQT 0038	T-04 - 1500 bbl Produced Water Tank	1500 bbl				8760 hr/yr
EQT 0039	T-05 - 250 bbl Slop Oil Tank	250 bbl				8760 hr/yr
EQT 0040	CE-06 - Caterpillar Compressor (1665 HP)		13.32 MM BTU/hr	1665 horsepower		8760 hr/yr

INVENTORIES

AI ID: 32887 - West Cote Blanche Bay Facility
Activity Number: PER20090001
Permit Number: 2660-00123-03
Air - Minor Source/Small Source Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
West Cote Blanche Bay						
EQT 0041	GE-03 - CAT Generator (225 HP)		1.59 MM BTU/hr	225 horsepower		8760 hr/yr
EQT 0042	PE-05 - 305 HP Cat. Saltwater Pump		2.29 MM BTU/hr	305 horsepower		8760 hr/yr
EQT 0043	CE-07 - Caterpillar Compressor (1665 HP)		13.32 MM BTU/hr	1665 horsepower		8760 hr/yr
EQT 0044	DE-01 - Diesel Barge Loading Pump (100 HP)		100 horsepower	100 horsepower		836 hr/yr
FUG 0001	FE-01 - Fugitive Emissions					8760 hr/yr
TRT 0001	VRU-01 - Vapor Recovery Unit					8760 hr/yr

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (toF)
West Cote Blanche Bay							
EQT 0001	CE-03 - 1550 hp Cooper-Bessemer Compressor Backup	26.25	3817	1.2	48	48	1000
EQT 0002	CE-04 - 1665 hp Caterpillar Compressor	56.25	3817	1.2	48	48	1000
EQT 0003	CE-05 - 1665 hp Caterpillar Compressor	56.25	3817	1.2	48	48	1000
EQT 0004	CI-01 - Gas Operated Chemical Injection Pump	.8	.8	.02	12	12	70
EQT 0005	CI-02 - Gas Operated Chemical Injection Pump	.8	.8	.02	12	12	70
EQT 0007	DP-01 - Diaphragm Pump No. 1 (Wilden M-4)	.13	.13	.13	3	3	
EQT 0008	DP-02 - Diaphragm Pump No. 2 (Wilden M-2)	.13	.13	.13	3	3	
EQT 0009	DP-03 - Diaphragm Pump No. 3 (Wilden M-8)	.13	.13	.13	12	12	
EQT 0010	DP-04 - Diaphragm Pump No. 4 (Wilden M-15)	.13	.13	.13	12	12	
EQT 0011	DP-05 - Diaphragm Pump No. 5 (Textstream 3700)	.13	.13	.13	12	12	
EQT 0012	DP-06 - Diaphragm Pump No. 6 (Wilden M-8)	.13	.13	.13	12	12	
EQT 0013	DP-07 - Diaphragm Pump No. 7 (Wilden M-8)	.13	.13	.13	12	12	
EQT 0014	DP-08 - Diaphragm Pump No. 8 (Wilden M-8)	.13	.13	.13	12	12	
EQT 0015	GE-01 - 150 hp Waukesha Generator (Backup)	64.54	526.34	.42	10	10	900
EQT 0017	GFT-01 - Glycol Flash Tank	4.04	5.78	1.6	80	80	350
EQT 0018	GR-01 - 1.75 MM BTU/hr Glycol Reboiler	4.04	487.64	.25	34	34	350
EQT 0019	GV-01 - Glycol Regenerator Still Column Condenser	.15	18.5	.25	34	34	212
EQT 0020	GV-01 - Glycol Still Column - Vent	.15	463.62	.8	12	12	300
EQT 0021	HT-01 - 1.8 MM BTU/hr Heater Treater	.15	463.62	.8	12	12	300
EQT 0022	HT-02 - 1.8 MM BTU/hr Heater Treater	.15	463.62	.8	12	12	300
EQT 0023	HV-01 - Heater Treater Vent Flash Gas (VRU Controlled)	.13		.13	6	6	70
EQT 0024	LC-01 - (4) Level Controllers (Fisher 2500 - Pneumatic)	.13		.13	6	6	70
EQT 0025	LC-02 - (19) Level Controllers (Norriseal 1001, Mallard 3200 - Pneumatic)	.13		.13	6	6	70

INVENTORIES

AI ID: 32887 - West Cote Blanche Bay Facility
Activity Number: PER20090001
Permit Number: 2660-00123-03
Air - Minor Source/Small Source Mod

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
West Cote Blanche Bay							
EQT 0026	LC-03 - Level Controller (Fisher 2680 Series - Pneumatic)	.13				6	70
EQT 0027	LC-04 - (7) Level Controllers (Murphy - Pneumatic)	.13				6	70
EQT 0028	LF-01 - Barge Loading Losses					155	70
EQT 0029	OSB-01 - 23,000 bbl Oil Storage Barge					12	70
EQT 0030	PC-01 - (5) Pressure Controllers (Fisher 4160 - Pneumatic)	.13				12	70
EQT 0031	PC-02 - (4) Pressure Controllers (Fisher 4100 - Pneumatic)	.13				12	70
EQT 0032	PE-01 - 150 hp Waukesha Saltwater Pump	61.87	506.99	.42		10	850
EQT 0033	PE-02 - 150 hp Waukesha Saltwater Pump	61.87	506.99	.42		10	850
EQT 0034	PE-03 - 150 hp Waukesha Saltwater Pump	61.87	506.99	.42		10	850
EQT 0035	T-01 - 1500 bbl Oil Storage Tank (VRU Controlled)	.25				24	
EQT 0036	T-02 - 1500 bbl Oil Storage Tank (VRU Controlled)	.25				24	
EQT 0037	T-03 - 400 bbl Oil Storage Tank (VRU Controlled)	.25				17	
EQT 0038	T-04 - 1500 bbl Produced Water Tank	.25				24	70
EQT 0039	T-05 - 250 bbl Slop Oil Tank					12	70
EQT 0040	CE-06 - Caterpillar Compressor (1665 HP)	56.26	3817.18	1.2		48	1000
EQT 0041	GE-03 - CAT Generator (225 HP)	64.54	526.34	.42		10	900
EQT 0042	PE-05 - 305 HP Cat- Saltwater Pump	61.87	506.99	.42		10	850
EQT 0043	CE-07 - Caterpillar Compressor (1665 HP)	56.25	3817	1.2		48	1000
EQT 0044	DE-01 - Diesel Barge Loading Pump (100 HP)	45.2	1	.33		6	500
FUG 0001	FE-01 - Fugitive Emissions						
TRT 0001	VRU-01 - Vapor Recovery Unit						

Relationships:

ID	Description	Relationship	ID	Description
EQT 0017	GFT-01 - Glycol Flash Tank	Controls emissions from, (Flash diverted from still column is routed to reboiler burner as fuel in accordance LAC 33:III.5109.A and maintained per LAC 33:III.905, 95% TAP/HAP control)	EQT 0020	GV-01 - Glycol Still Column - Vent
EQT 0018	GR-01 - 1.75 MM BTU/hr Glycol Reboiler	Controls emissions from, (Flash diverted from still column is routed to reboiler burner as fuel in accordance LAC 33:III.5109.A and maintained per LAC 33:III.905, 95% TAP/HAP control)	EQT 0017	GFT-01 - Glycol Flash Tank

INVENTORIES

AI ID: 32887 - West Cote Blanche Bay Facility
 Activity Number: PER20090001
 Permit Number: 2660-00123-03
 Air - Minor Source/Small Source Mod

Relationships:

ID	Description	Relationship	ID	Description
EQT 0019	GV-01 - Glycol Regenerator Still Column Condenser	Controls emissions from, (Offgas from still column routed to condenser in accordance LAC 33:III.5109.A and maintained per LAC 33:III.905, 95% TAP/HAP control)	EQT 0020	GV-01 - Glycol Still Column - Vent
TRT 0001	VRU-01 - Vapor Recovery Unit	Controls emissions from, (Offgas vent from oil storage routed to VRU)	EQT 0036	T-02 - 1500 bbl Oil Storage Tank (VRU Controlled)
TRT 0001	VRU-01 - Vapor Recovery Unit	Controls emissions from, (Offgas vent from oil storage routed to VRU)	EQT 0035	T-01 - 1500 bbl Oil Storage Tank (VRU Controlled)
TRT 0001	VRU-01 - Vapor Recovery Unit	Controls emissions from, (Offgas vent from oil storage routed to VRU)	EQT 0037	T-03 - 400 bbl Oil Storage Tank (VRU Controlled)
TRT 0001	VRU-01 - Vapor Recovery Unit	Controls emissions from, (Offgas vent from heater treater routed to VRU)	EQT 0023	HV-01 - Heater Treater Vent Flash Gas (VRU Controlled)

Subject Item Groups:

ID	Group Type	Group Description
CRG 0002	Common Requirements Group	CRG2 - Smaller Engines without Stack Testing
CRG 0003	Common Requirements Group	CRG3 - Bigger Engines With Stack Testing
UNF 0001	Unit or Facility Wide	Facility - West Cote Blanche Bay

Group Memberships:

ID	Description	Member of Groups
EQT 0001	CE-03 - 1550 hp Cooper-Bessemer Compressor Backup	CRG0000000003
EQT 0002	CE-04 - 1665 hp Caterpillar Compressor	CRG0000000003
EQT 0003	CE-05 - 1665 hp Caterpillar Compressor	CRG0000000003
EQT 0015	GE-01 - 150 hp Waukesha Generator (Backup)	CRG0000000002
EQT 0032	PE-01 - 150 hp Waukesha Saltwater Pump	CRG0000000002
EQT 0033	PE-02 - 150 hp Waukesha Saltwater Pump	CRG0000000002
EQT 0034	PE-03 - 150 hp Waukesha Saltwater Pump	CRG0000000002
EQT 0040	CE-06 - Caterpillar Compressor (1665 HP)	CRG0000000003
EQT 0041	GE-03 - CAT Generator (225 HP)	CRG0000000002
EQT 0042	PE-05 - 305 HP Cat-Saltwater Pump	CRG0000000002
EQT 0043	CE-07 - Caterpillar Compressor (1665 HP)	CRG0000000003

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
0040	0040 Crude Oil and Natural Gas Production (Less than 100 T/Yr Source)		

INVENTORIES

AI ID: 32887 - West Cote Blanche Bay Facility
Activity Number: PER20090001
Permit Number: 2660-00123-03
Air - Minor Source/Small Source Mod

SIC Codes:

1311	Crude petroleum and natural gas	AI 32887
1311	Crude petroleum and natural gas	UNF 001

EMISSION RATES FOR CRITERIA POLLUTANTS

AJ ID: 32887 - West Cote Blanche Bay Facility

Activity Number: PER20090001

Permit Number: 2660-00123-03

Air - Minor Source/Small Source Mod

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
West Cote Blanche Bay															
EQT 0001 CE-03	4.79	4.79	4.79	39.31	39.31	39.31	0.48	0.48	0.48	0.01	0.01	0.01	1.49	1.49	1.49
EQT 0002 CE-04	3.08	3.08	13.51	2.57	2.57	11.25	0.00	0.00	0.004	0.01	0.01	0.053	1.57	1.57	6.89
EQT 0003 CE-05	3.08	3.08	13.51	2.57	2.57	11.25	0.00	0.00	0.004	0.01	0.01	0.05	1.57	1.57	6.89
EQT 0004 CI-01													0.18	0.18	0.77
EQT 0005 CI-02													0.18	0.18	0.77
EQT 0007 DP-01													1.09	1.09	0.20
EQT 0008 DP-02													0.44	0.44	0.08
EQT 0009 DP-03													4.37	4.37	0.80
EQT 0010 DP-04													4.37	4.37	0.80
EQT 0011 DP-05													3.64	3.64	0.66
EQT 0012 DP-06													4.37	4.37	0.79
EQT 0013 DP-07													4.37	4.37	0.80
EQT 0014 DP-08													4.37	4.37	0.80
EQT 0018 GR-01	0.14	0.14	0.60	0.17	0.17	0.72	0.01	0.01	0.06	0.00	0.00	0.01	0.01	0.01	0.04
EQT 0020 GV-01													0.07	0.07	0.32
EQT 0021 HT-01	0.14	0.14	0.31	0.17	0.17	0.40	0.01	0.01	0.03	0.00	0.00	0.00	0.01	0.01	0.04
EQT 0022 HT-02	0.14	0.14	0.31	0.17	0.17	0.37	0.01	0.01	0.03	0.00	0.00	0.00	0.01	0.01	0.04
EQT 0024 LC-01													0.61	0.61	2.67
EQT 0025 LC-02													0.01	0.01	0.06
EQT 0026 LC-03													0.00	0.00	0.02
EQT 0027 LC-04													0.08	0.08	0.33
EQT 0028 LF-01													90.01	90.01	37.64
EQT 0029 OSB-01													0.44	0.44	1.93

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 32887 - West Cote Blanche Bay Facility

Activity Number: PER20090001

Permit Number: 2660-00123-03

Air - Minor Source/Small Source Mod

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
West Cote Blanche Bay															
EQT 0030 PC-01													0.12	0.12	0.56
EQT 0031 PC-02													0.73	0.73	3.18
EQT 0032 PE-01	0.46	0.46	2.03	0.35	0.35	1.53	0.01	0.01	0.05	0.00	0.00	0.00	0.03	0.03	0.15
EQT 0033 PE-02	0.46	0.46	2.03	0.35	0.35	1.53	0.01	0.01	0.05	0.00	0.00	0.00	0.03	0.03	0.15
EQT 0034 PE-03	0.46	0.46	2.03	0.35	0.35	1.53	0.01	0.01	0.05	0.00	0.00	0.00	0.03	0.03	0.15
EQT 0038 T-04													0.19	0.19	0.81
EQT 0039 T-05													0.05	0.05	0.22
EQT 0040 CE-06	3.08	3.08	13.51	2.57	2.57	11.25	0.00	0.00	0.004	0.01	0.01	0.05	1.57	1.57	6.89
EQT 0041 GE-03	0.42	0.42	1.84	0.25	0.25	1.09	0.02	0.02	0.07	0.00	0.00	0.01	0.05	0.05	0.22
EQT 0042 PE-05	0.46	0.46	2.03	0.35	0.35	1.53	0.02	0.02	0.10	0.00	0.00	0.01	0.07	0.07	0.30
EQT 0043 CE-07	3.08	3.08	13.51	2.57	2.57	11.25	0.00	0.00	0.004	0.01	0.01	0.05	1.57	1.57	6.89
EQT 0044 DE-01	0.67	0.67	0.28	3.09	3.09	1.29	0.22	0.22	0.09	0.00	0.00	0.00	0.25	0.25	0.10
FUG 0001 FE-01													3.39	3.39	14.87

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 32887 - West Cote Blanche Bay Facility

Activity Number: PER20090001

Permit Number: 2660-00123-03

Air - Minor Source/Small Source Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0001 CE-03	Acetaldehyde	0.10	0.10	0.10
	Benzene	0.02	0.02	0.02
	Ethyl benzene	0.001	0.001	0.001
	Formaldehyde	0.68	0.68	0.68
	Toluene	0.01	0.01	0.01
	Xylene (mixed isomers)	0.00	0.00	0.003
	n-Hexane	0.01	0.01	0.01
EQT 0002 CE-04	Acetaldehyde	0.02	0.02	0.07
	Benzene	0.01	0.01	0.03
	Ethyl benzene	0.00	0.00	0.002
	Formaldehyde	0.11	0.11	0.46
	Toluene	0.01	0.01	0.02
	Xylene (mixed isomers)	0.00	0.00	0.01
	n-Hexane	0.02	0.02	0.07
EQT 0003 CE-05	Acetaldehyde	0.02	0.02	0.07
	Benzene	0.01	0.01	0.03
	Ethyl benzene	0.00	0.00	0.00
	Formaldehyde	0.11	0.11	0.46
	Toluene	0.01	0.01	0.02
	Xylene (mixed isomers)	0.00	0.00	0.01
	n-Hexane	0.02	0.02	0.07
EQT 0004 CI-01	Benzene	0.001	0.001	0.003
	Toluene	0.001	0.001	0.003
	Xylene (mixed isomers)	0.00	0.00	0.001
	n-Hexane	0.003	0.003	0.014
EQT 0005 CI-02	Benzene	0.001	0.001	0.003
	Toluene	0.001	0.001	0.003
	Xylene (mixed isomers)	0.00	0.00	0.001
	n-Hexane	0.003	0.003	0.014
EQT 0007 DP-01	Benzene	0.017	0.017	0.003
	Ethyl benzene	0.004	0.004	0.001
	Toluene	0.013	0.013	0.003
	Xylene (mixed isomers)	0.003	0.003	0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 32887 - West Cote Blanche Bay Facility

Activity Number: PER20090001

Permit Number: 2660-00123-03

Air - Minor Source/Small Source Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0007 DP-01	n-Hexane	0.017	0.017	0.003
EQT 0008 DP-02	Benzene	0.007	0.007	0.001
	Ethyl benzene	0.002	0.002	0.00
	Toluene	0.005	0.005	0.001
	Xylene (mixed isomers)	0.001	0.001	0.00
	n-Hexane	0.007	0.007	0.001
EQT 0009 DP-03	Benzene	0.068	0.068	0.012
	Ethyl benzene	0.017	0.017	0.003
	Toluene	0.051	0.051	0.009
	Xylene (mixed isomers)	0.011	0.011	0.002
	n-Hexane	0.068	0.068	0.012
EQT 0010 DP-04	Benzene	0.068	0.068	0.012
	Ethyl benzene	0.017	0.017	0.003
	Toluene	0.051	0.051	0.009
	Xylene (mixed isomers)	0.011	0.011	0.002
	n-Hexane	0.163	0.163	0.03
EQT 0011 DP-05	Benzene	0.056	0.056	0.010
	Ethyl benzene	0.017	0.017	0.003
	Toluene	0.042	0.042	0.008
	Xylene (mixed isomers)	0.009	0.009	0.002
	n-Hexane	0.056	0.056	0.025
EQT 0012 DP-06	Benzene	0.068	0.068	0.012
	Ethyl benzene	0.017	0.017	0.003
	Toluene	0.051	0.051	0.009
	Xylene (mixed isomers)	0.011	0.011	0.006
	n-Hexane	0.163	0.163	0.089
EQT 0013 DP-07	Benzene	0.068	0.068	0.037
	Ethyl benzene	0.017	0.017	0.003
	Toluene	0.051	0.051	0.009
	Xylene (mixed isomers)	0.011	0.011	0.002
	n-Hexane	0.163	0.163	0.012
EQT 0014 DP-08	Benzene	0.068	0.068	0.012
	Ethyl benzene	0.017	0.017	0.003

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 32887 - West Cote Blanche Bay Facility

Activity Number: PER20090001

Permit Number: 2660-00123-03

Air - Minor Source/Small Source Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0014 DP-08	Toluene	0.051	0.051	0.009
	Xylene (mixed isomers)	0.011	0.011	0.002
	n-Hexane	0.163	0.163	0.012
EQT 0018 GR-01	n-Hexane	0.003	0.003	0.013
EQT 0020 GV-01	2,2,4-Trimethylpentane	0.001	0.001	0.002
	Benzene	0.026	0.026	0.116
	Ethyl benzene	0.002	0.002	0.007
	Toluene	0.009	0.009	0.039
	Xylene (mixed isomers)	0.011	0.011	0.005
	n-Hexane	0.001	0.001	0.004
EQT 0021 HT-01	n-Hexane	0.003	0.003	0.007
EQT 0022 HT-02	n-Hexane	0.003	0.003	0.007
EQT 0024 LC-01	Benzene	0.009	0.009	0.041
	Toluene	0.007	0.007	0.031
	Xylene (mixed isomers)	0.002	0.002	0.008
	n-Hexane	0.009	0.009	0.041
EQT 0025 LC-02	n-Hexane	0.001	0.001	0.002
EQT 0027 LC-04	Benzene	0.001	0.001	0.005
	Toluene	0.001	0.001	0.004
	n-Hexane	0.003	0.003	0.012
EQT 0030 PC-01	Benzene	0.002	0.002	0.009
	Toluene	0.001	0.001	0.006
	n-Hexane	0.002	0.002	0.009
EQT 0031 PC-02	Benzene	0.011	0.011	0.049
	Toluene	0.008	0.008	0.037
	n-Hexane	0.027	0.027	0.119
EQT 0032 PE-01	Acetaldehyde	0.00	0.00	0.002
	Benzene	0.002	0.002	0.009
	Formaldehyde	0.003	0.003	0.02
	Toluene	0.001	0.001	0.004
EQT 0033 PE-02	Acetaldehyde	0.001	0.001	0.002
	Benzene	0.002	0.002	0.009
	Formaldehyde	0.003	0.003	0.015

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 32887 - West Cote Blanche Bay Facility

Activity Number: PER20090001

Permit Number: 2660-00123-03

Air - Minor Source/Small Source Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0033 PE-02	Toluene	0.001	0.001	0.004
EQT 0034 PE-03	Acetaldehyde	0.00	0.00	0.002
	Benzene	0.002	0.002	0.009
	Formaldehyde	0.003	0.003	0.015
	Toluene	0.001	0.001	0.004
EQT 0040 CE-06	Acetaldehyde	0.02	0.02	0.07
	Benzene	0.01	0.01	0.03
	Ethyl benzene	0.00	0.00	0.002
	Formaldehyde	0.11	0.11	0.46
	Toluene	0.01	0.01	0.02
	Xylene (mixed isomers)	0.00	0.00	0.01
	n-Hexane	0.02	0.02	0.07
EQT 0041 GE-03	Acetaldehyde	0.001	0.001	0.003
	Benzene	0.003	0.003	0.013
	Formaldehyde	0.005	0.005	0.023
	Toluene	0.001	0.001	0.004
EQT 0042 PE-05	Acetaldehyde	0.001	0.001	0.004
	Benzene	0.004	0.004	0.016
	Formaldehyde	0.007	0.007	0.031
	Toluene	0.001	0.001	0.004
EQT 0043 CE-07	Acetaldehyde	0.02	0.02	0.07
	Benzene	0.01	0.01	0.03
	Ethyl benzene	0.00	0.00	0.002
	Formaldehyde	0.11	0.11	0.46
	Toluene	0.01	0.01	0.02
	Xylene (mixed isomers)	0.00	0.00	0.01
	n-Hexane	0.02	0.02	0.07
EQT 0044 DE-01	Acetaldehyde	0.001	0.001	0.00
	Benzene	0.001	0.001	0.00
	Formaldehyde	0.001	0.001	0.00
FUG 0001 FE-01	Benzene	0.014	0.014	0.062
	Ethyl benzene	0.001	0.001	0.005
	Toluene	0.008	0.008	0.036

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 32887 - West Cote Blanche Bay Facility

Activity Number: PER20090001

Permit Number: 2660-00123-03

Air - Minor Source/Small Source Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
FUG 0001 FE-01	Xylene (mixed isomers)	0.003	0.003	0.012
	n-Hexane	2.010	2.010	0.881
UNF 0001 Facility	2,2,4-Trimethylpentane			0.002
	Acetaldehyde			0.40
	Benzene			0.59
	Ethyl benzene			0.040
	Formaldehyde			2.624
	Toluene			0.33
	Xylene (mixed isomers)			0.09
	n-Hexane			1.87

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

SPECIFIC REQUIREMENTS

AI ID: 32887 - West Cote Blanche Bay Facility

Activity Number: PER20090001

Permit Number: 2660-00123-03

Air - Minor Source/Small Source Mod

CRG 0002 CRG2 - Smaller Engines without Stack Testing

Group Members: EQT 0015EQT 0032EQT 0033EQT 0034EQT 0041EQT 0042

- 1 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified
- 2 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: Six-minute average

CRG 0003 CRG3 - Bigger Engines With Stack Testing

Group Members: EQT 0001EQT 0002EQT 0003EQT 0040EQT 0043

- 3 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified
- 4 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: Six-minute average
- 5 [LAC 33:III.501.C.6] Equipment/operational data recordkeeping by electronic or hard copy annually. Recorded parameters are NOx, CO & O2 concentrations in the stack gas obtained during annual testing.
Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment. The test results summary shall include any necessary conversion into the units of any applicable Standard. (lbs/MMBtu, gr/dscf, lbs SO2 / ton 100% H2SO4, Etc.) Plant and in house laboratory data to support production values shall be included. (Example: how many tons of 100% equivalent H2SO4 was being produced) Units tested at less than 95% of permitted maximum capacity shall provide documentation to support compliance at 100% of the permitted maximum capacity.
- 6 [LAC 33:III.501.C.6] Stack gas concentration: Nitrogen oxides monitored by portable analyzer annually (twelve months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of NOx in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample.
Which Months: All Year Statistical Basis: None specified
- 7 [LAC 33:III.501.C.6]

SPECIFIC REQUIREMENTS

AI ID: 32887 - West Cote Blanche Bay Facility

Activity Number: PER20090001

Permit Number: 2660-00123-03

Air - Minor Source/Small Source Mod

CRG 0003 CRG3 - Bigger Engines With Stack Testing

- 8 [LAC 33:III.501.C.6] Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shutdown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of maximum permitted capacity. Repeat the test after each major engine overhaul. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- 9 [LAC 33:III.501.C.6] Submit notification: Due at least 30 days prior to any LDEQ required performance/emissions test to the Office of Environmental Assessment, to provide the opportunity to conduct a pretest meeting and observe the emission testing.
- 10 [LAC 33:III.501.C.6] Stack gas concentration: Carbon monoxide monitored by portable analyzer annually (twelve months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of CO in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample.
Which Months: All Year Statistical Basis: None specified
- 11 [LAC 33:III.501.C.6] Stack gas concentration: Oxygen monitored by portable analyzer annually (twelve months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of O₂ in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample.
Which Months: All Year Statistical Basis: None specified

EQT 0018 GR-01 - 1.75 MM BTU/hr Glycol Reboiler

- 12 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified
Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified
- 13 [LAC 33:III.1313.C]

EQT 0020 GV-01 - Glycol Still Column - Vent

- 14 [40 CFR 63.774(d)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep records of the information specified in 40 CFR 63.774(d)(i) or (d)(1)(ii), as applicable. Subpart HH. [40 CFR 63.774(d)]
- 15 [LAC 33:III.2116.B.2] VOC, Total >= 85 % reduction using a control device. Demonstrate percent reduction using the methods found in LAC 33:III.2116.D.
Which Months: All Year Statistical Basis: None specified
- 16 [LAC 33:III.2116.D] Determine compliance with LAC 33:III.2116.B using the methods in LAC 33:III.2116.D.1-5, as appropriate.
- 17 [LAC 33:III.2116.F.1] Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of the information specified in LAC 33:III.2116.F.1.

SPECIFIC REQUIREMENTS

AI ID: 32887 - West Cote Blanche Bay Facility

Activity Number: PER20090001

Permit Number: 2660-00123-03

Air - Minor Source/Small Source Mod

EQT 0035 T-01 - 1500 bbl Oil Storage Tank (VRU Controlled)

18 [LAC 33:III.2103.I.6] VOL storage data recordkeeping by electronic or hard copy at the approved frequency. Keep records of the type(s) of VOC stored and the length of time stored.

EQT 0036 T-02 - 1500 bbl Oil Storage Tank (VRU Controlled)

19 [LAC 33:III.2103.I.6] VOL storage data recordkeeping by electronic or hard copy at the approved frequency. Keep records of the type(s) of VOC stored and the length of time stored.

EQT 0037 T-03 - 400 bbl Oil Storage Tank (VRU Controlled)

20 [LAC 33:III.2103.I.6] VOL storage data recordkeeping by electronic or hard copy at the approved frequency. Keep records of the type(s) of VOC stored and the length of time stored.

EQT 0039 T-05 - 250 bbl Stop Oil Tank

21 [LAC 33:III.2103.I.6] VOL storage data recordkeeping by electronic or hard copy at the approved frequency. Keep records of the type(s) of VOC stored and the length of time stored.

EQT 0044 DE-01 - Diesel Barge Loading Pump (100 HP)

22 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified

23 [LAC 33:III.1311.C] Opacity <= 20 percent, except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: Six-minute average

FUG 0001 FE-01 - Fugitive Emissions

24 [LAC 33:III.2111] Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment.

UNF 0001 Facility - West Cote Blanche Bay

25 [40 CFR 63.] All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table 2 of 40 CFR 63 Subpart HH.

SPECIFIC REQUIREMENTS

AI ID: 32887 - West Cote Blanche Bay Facility

Activity Number: PER20090001

Permit Number: 2660-00123-03

Air - Minor Source/Small Source Mod

UNF 0001 Facility - West Cote Blanche Bay

- 26 [LAC 33:III.1103] Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.
- 27 [LAC 33:III.1109.B] Outdoor burning of waste material or other combustible material is prohibited.
- 28 [LAC 33:III.1303.B] Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.
- 29 [LAC 33:III.2113.A] Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
- 30 [LAC 33:III.219] Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
- 31 [LAC 33:III.537] Comply with the Louisiana General Conditions as set forth in LAC 33:III.537.
- 32 [LAC 33:III.5611.A] Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency. Due within 30 days after requested by the administrative authority.
- 33 [LAC 33:III.5611.B] During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.